

Amendments to the Claims:

Claims 1, 2, 10, 11, 12, 20, 21, 22, 30, 32, 34, 36, and 37 have been amended. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1. (Currently Amended) A method of displaying an electronically stored
2 document, said method comprising:
3 receiving user input identifying a user-specified concept of interest;
4 analyzing said electronically stored document to identify occurrences of
5 discussion of said user-specified concept of interest in the electronically stored document; and
6 displaying, ~~based upon the identified occurrences of discussion,~~ a visual indicator
7 showing ~~relative strength~~ persistence measures of the user-specified concept of interest at
8 locations within the electronically stored document, ~~the persistence measures of the user-~~
9 specified concept of interest at the locations determined based upon a number of the occurrences
10 of discussion of the user-specified concept of interest at the locations, such that
11 wherein, for a location within the electronically stored document, the
12 visual indicator displays ~~the strength~~ a persistence measure of the user-specified concept of
13 interest at that location relative to persistence measures of the user-specified concept of interest
14 at other locations in the electronically stored document,
15 wherein the visual indicator comprises a first axis representing locations
16 within the electronically stored document and a second axis representing ~~relative strength~~
17 persistence measures of a user-specified concept of interest.
- 1 2. (Currently Amended) The method of claim 1 wherein said visual indicator
2 comprises a contour graph image that indicates relative strength of said user-specified concept at
3 various locations within said electronically stored document.
- 1 3. (Previously Presented) The method of claim 1 wherein said visual
2 indicator comprises a line graph.

1 4. (Previously Presented) The method of claim 1 wherein said visual
2 indicator comprises a bar graph.

1 5. (Previously Presented) The method of claim 1 wherein said visual
2 indicator comprises a scatter diagram.

1 6. (Canceled)

1 7. (Previously Presented) The method of claim 31 further comprising:
2 accepting user input moving said slider to a second section of said visual
3 indicator; and

4 responsive to movement of said slider to said second section of said visual
5 indicator, displaying a section of said electronically stored document corresponding to said
6 second section of said visual indicator on said display.

1 8. (Previously Presented) The method of claim 1 further comprising:
2 displaying an elongated thumbnail image of a portion of said electronically stored
3 document in a viewing area of a display, wherein portions of said elongated thumbnail image
4 corresponding to said occurrences of discussion in said portion of the electronically stored
5 documents are annotated.

1 9. (Canceled)

1 10. (Currently Amended) A method of displaying an electronically stored
2 document, said method comprising:
3 receiving user input identifying a plurality of user-specified concepts of interest;
4 displaying a plurality of selectable concept indicators, said selectable concept
5 indicators corresponding to said user-specified concepts of interest;

6 accepting user input selecting a first selectable concept indicator from said
7 plurality of selectable concept indicators corresponding to a first user-specified concept of
8 interest;

9 analyzing said electronically stored document to identify occurrences in said
10 electronically stored document where said first user-specified concept of interest is discussed;
11 and

12 displaying, ~~based upon the identified occurrences in said electronically stored~~
13 ~~document where said first user specified concept of interest is discussed,~~ a visual indicator
14 showing ~~relative strength~~ persistence measures of the first-user specified concept of interest at
15 ~~various~~ locations in said electronically stored document, the persistence measures of the first
16 user-specified concept of interest at the locations determined based upon a number of the
17 occurrences of discussion of the first user-specified concept of interest at the locations, such that
18 wherein, for a location within the electronically stored document, the
19 visual indicator displays ~~the strength~~ a persistence measure of the user-specified concept of
20 interest at that location relative to persistence measures of the first user-specified concept of
21 interest at other locations in the electronically stored document,

22 wherein the visual indicator comprises a first axis representing locations
23 within the electronically stored document and a second axis representing ~~relative strength~~
24 persistence measures of a user-specified concept of interest.

1 11. (Currently Amended) A computer program product stored on a computer
2 readable medium for displaying an electronically stored document, said computer program
3 product comprising:

4 code for receiving user input identifying a user-specified concept of interest;

5 code for analyzing said electronically stored document to identify occurrences of
6 discussion of said user-specified concept of interest in the electronically stored document; and

7 code for displaying, ~~based upon the identified occurrences of discussion,~~ a visual
8 indicator showing ~~relative strength~~ persistence measures of the user-specified concept of interest
9 at locations within the electronically stored document, the persistence measures of the user-

10 specified concept of interest at the locations determined based upon a number of the occurrences
11 of discussion of the user-specified concept of interest at the locations, such that
12 wherein, for a location within the electronically stored document, the
13 visual indicator displays ~~the strength~~ a persistence measure of the user-specified concept of
14 interest at that location relative to persistence measures of the user-specified concept of interest
15 at other locations in the electronically stored document,
16 wherein the visual indicator comprises a first axis representing locations
17 within the electronically stored document and a second axis representing ~~relative strength~~
18 persistence measures of a user-specified concept of interest.

1 12. (Currently Amended) The computer program product of claim 11 wherein
2 said visual indicator comprises a contour graph image ~~that indicates relative strength of said~~
3 ~~user-specified concept at various locations within said electronically stored document.~~

1 13. (Previously Presented) The computer program product of claim 11
2 wherein said visual indicator comprises a line graph.

1 14. (Previously Presented) The computer program product of claim 11
2 wherein said visual indicator comprises a bar graph.

1 15. (Previously Presented) The computer program product of claim 11
2 wherein said visual indicator comprises a scatter diagram.

1 16. (Canceled)

1 17. (Previously Presented) The computer program product of claim 33 further
2 comprising:
3 code for accepting user input moving said slider to a second section of said visual
4 indicator; and

code for displaying a section of said electronically stored document corresponding to said second section of said visual indicator on said display responsive to movement of said slider to said second section of said visual indicator.

18. (Previously Presented) The computer program product of claim 11 further comprising:

code for displaying an elongated thumbnail image of a portion of said electronically stored document in a viewing area of a display, wherein portions of said elongated thumbnail image corresponding to said occurrences of discussion in said portion of the electronically stored documents are annotated.

19. (Canceled)

20. (Currently Amended) A computer program product stored on a computer readable medium for providing an interest profile for an electronically stored document, said computer program product comprising:

code for receiving user input identifying a plurality of user-specified concepts of interest;

code for displaying a plurality of selectable concept indicators, said selectable concept indicators corresponding to said user-specified concepts of interest;

code for accepting user input selecting a first selectable concept indicator from said plurality of selectable concept indicators corresponding to a first user-specified concept of interest;

code for analyzing said electronically stored document to identify occurrences in said electronically stored document where said first user-specified concept of interest is discussed;

~~code for displaying, based upon the identified occurrences in said electronically stored document where said first user-specified concept of interest is discussed, a visual indicator showing relative strength persistence measures of the first-user specified concept of interest at various locations in said electronically stored document, the persistence measures of the user-~~

18 specified concept of interest at the locations determined based upon a number of the occurrences
19 of discussion of the first user-specified concept of interest at the locations, such that
20 wherein, for a location within the electronically stored document, the
21 visual indicator displays the strength a persistence measure of the user-specified concept of
22 interest at that location relative to persistence measures of the first user-specified concept of
23 interest at other locations in the electronically stored document,
24 wherein the visual indicator comprises a first axis representing locations
25 within the electronically stored document and a second axis representing relative strength
26 persistence measures of a user-specified concept of interest.

1 21. (Currently Amended) A system for providing an interest profile for an
2 electronically stored document, said system comprising:
3 a memory;
4 a display;
5 a processor, interconnected to said memory and said display by a bus, said
6 processor operatively disposed to:
7 receive user input identifying a user-specified concept of interest;
8 analyze said electronically stored document to identify occurrences of
9 discussion of said user-specified concept of interest in the electronically stored document; and
10 display, ~~based upon the identified occurrences of discussion,~~ a visual
11 indicator showing ~~relative strength~~ persistence measures of the user-specified concept of interest
12 at locations within the electronically stored document, the persistence measures of the first user-
13 specified concept of interest at the locations determined based upon a number of the occurrences
14 of discussion of the user-specified concept of interest at the locations, such that
15 wherein, for a location within the electronically stored document,
16 the visual indicator displays the strength a persistence measure of the user-specified concept of
17 interest at that location relative to persistence measures of the user-specified concept of interest
18 at other locations in the electronically stored document,

19 wherein the visual indicator comprises a first axis representing
20 locations within the electronically stored document and a second axis representing ~~relative~~
21 ~~strength~~ persistence measures of a user-specified concept of interest.

1 22. (Currently Amended) The system of claim 21 wherein
2 said visual indicator comprises a contour graph image ~~that indicates relative~~
3 ~~strength of said user-specified concept at various locations within said electronically stored~~
4 ~~document.~~

1 23. (Previously Presented) The system of claim 21 wherein said visual
2 indicator comprises a line graph.

1 24. (Previously Presented) The system of claim 21 wherein said visual
2 indicator comprises a bar graph.

1 25. (Previously Presented) The system of claim 21 wherein said visual
2 indicator comprises a scatter diagram.

1 26. (Canceled).

1 27. (Previously Presented) The system of claim 35, wherein said processor is
2 further operative to:

3 accept user input moving said slider to a second section of said visual indicator;
4 and

5 display a section of said electronically stored document corresponding to said
6 second section of said visual indicator on said display responsive to movement of said slider to
7 said second section of said visual indicator.

1 28. (Previously Presented) The system of claim 21, wherein said processor is
2 further operative to:

3 display an elongated thumbnail image of a portion of said electronically stored
4 document in a viewing area of said display, wherein portions of said elongated thumbnail image

5 corresponding to said occurrences of discussion in said portion of the electronically stored
6 documents are annotated.

1 29. (Canceled)

1 30. (Currently Amended) A system for providing an interest profile for an
2 electronically stored document, said system comprising:

3 a memory;

4 a display;

5 a processor, interconnected to said memory and said display by a bus, said
6 processor operatively disposed to:

7 receive user input identifying a plurality of user-specified concepts of
8 interest;

9 display a plurality of selectable concept indicators, said selectable concept
10 indicators corresponding to said user-specified concepts of interest;

11 accept user input selecting a first selectable concept indicator from said
12 plurality of selectable concept indicators corresponding to a first user-specified concept of
13 interest;

14 analyze said electronically stored document to identify occurrences in said
15 electronically stored document where said first user-specified concept of interest is discussed;
16 and

17 display, ~~based upon the identified occurrences in said electronically stored~~
18 ~~document where said first user-specified concept of interest is discussed,~~ a visual indicator
19 showing ~~relative strength~~ persistence measures of the first-user specified concept of interest at
20 various locations in said electronically stored document, the persistence measures of the first
21 user-specified concept of interest at the locations determined based upon a number of the
22 occurrences of discussion of the first user-specified concept of interest at the locations, such that
23 wherein, for a location within the electronically stored document,
24 the visual indicator displays ~~the strength~~ a persistence measure of the user-specified concept of

25 interest at that location relative to persistence measures of the first user-specified concept of
26 interest at other locations in the electronically stored document,
27 wherein the visual indicator comprises a first axis representing
28 locations within the electronically stored document and a second axis representing ~~relative~~
29 ~~strength~~ persistence measures of a user-specified concept of interest.

1 31. (Previously Presented) The method of claim 1 further comprising:
2 displaying a section of said electronically stored document on a display; and
3 displaying a slider on said visual indicator, said slider highlighting a section of
4 said visual indicator corresponding to said section of said electronically stored document
5 displayed on said display.

1 32. (Currently Amended) The method of claim 10 further comprising:
2 accepting user input selecting a second selectable concept indicator from said
3 plurality of selectable concept indicators corresponding to a second user-specified concept of
4 interest; and
5 displaying, in the visual indicator, ~~relative-strength~~ persistence measures of the
6 second user specified concept of interest at the various locations in said electronically stored
7 document.

1 33. (Previously Presented) The computer program product of claim 11 further
2 comprising:
3 code for displaying a section of said electronically stored document on a display;
4 and
5 code for displaying a slider on said visual indicator, said slider highlighting a
6 section of said visual indicator corresponding to said section of said electronically stored
7 document displayed on said display.

1 34. (Currently Amended) The computer program product of claim 20 further
2 comprising:

3 code for accepting user input selecting a second selectable concept indicator from
4 said plurality of selectable concept indicators corresponding to a second user-specified concept
5 of interest; and
6 code for displaying, in the visual indicator, ~~relative strength~~ persistence measures
7 of the second user specified concept of interest at the various locations in said electronically
8 stored document.

1 35. (Previously Presented) The system of claim 21 wherein said processor is
2 further operative to:

3 display a section of said electronically stored document on said display; and
4 display a slider on said visual indicator, said slider highlighting a section of said
5 visual indicator corresponding to said section of said electronically stored document displayed on
6 said display.

1 36. (Currently Amended) The system of claim 30 wherein said processor is
2 further operative to:

3 accept user input selecting a second selectable concept indicator from said
4 plurality of selectable concept indicators corresponding to a second user-specified concept of
5 interest; and
6 display, in the visual indicator, ~~relative strength~~ persistence measures of the
7 second user specified concept of interest at the various locations in said electronically stored
8 document.

1 37. (Currently Amended) A method of displaying an electronically stored
2 document, the method comprising:

3 receiving user input identifying a first concept of interest and a second concept of
4 interest;
5 analyzing said electronically stored document to identify occurrences of
6 discussion of the first concept of interest and the second concept of interest in the electronically
7 stored document; and

8 determining a persistence of the first concept of interest at locations within the
9 electronically stored document based upon the occurrences of discussion of the first concept of
10 interest in the electronically stored document;

11 determining a persistence of the second concept of interest at locations within the
12 electronically stored document based upon the occurrences of discussion of the second concept
13 of interest in the electronically stored document;

14 determining a combined persistence of the first concept of interest and the second
15 concept of interest at locations within the electronically stored document based upon the
16 persistence of the first concept of interest and the persistence of the second concept of interest at
17 locations within the electronically stored document; and

18 displaying a visual indicator showing the combined persistence of the first
19 concept of interest and the second concept of interest at locations within the electronically stored
20 document.

21 ~~displaying, based upon the identified occurrences of discussion of the first~~
22 ~~concept of interest and the second concept of interest, a single contour showing a relative~~
23 ~~strength of the combination of the first concept of interest and the second concept of interest at~~
24 ~~locations within the electronically stored document.~~